Programme Hôpital Numérique

Digital Hospital Program

First stage for the period [2012, 2016]

An incentive program for hospitals

Objectives

- Coordinate hospitals and IT vendors on a common roadmap for improvement of systems;

- Bring hospitals to a first stage of maturity;

- Foster innovative projects.

The first stage of maturity

- 3 prerequisites (A hospital must fulfill all 3)

  P1: All systems have up-to-date patient administrative data

  P2: Minimum level of liability and availability for the systems

  P3: Minimum level of confidentiality and protection of patient privacy in the systems

- 5 functional domains (A hospital picks one or more)

  D1: diagnostic results and images visible and usable in all the systems that need them

  D2: EHR-S interoperable with its environment for patient care coordination

  D3: Computerized physician order entry (CPOE) feeding the care plan

  D4: Planning of resources usage and management of the patient agenda

  D5: medico-economic steering of the hospital

Four axes

- **Governance**

  Derivation of the objectives from national level to regional level to hospital level

- **Competences**

  Improve the competence of healthcare providers on IT, in hospitals

- **Software products**

  Stimulate the structuration of the software products through a certification process.

- **Funding**

  An incentive plan to stimulate the reach of the first stage of maturity.

ASIP Santé is coordinating the build of the certification process

A reference set of conformance criteria for certification will be defined for each building block of the hospital information system: CIS, RIS, PACS, LIS, LAS, ...

➢ Functional criteria

➢ Security criteria (confidentiality, availability …)

➢ Interoperability criteria will heavily leverage IHE. Examples:

> P1: All systems have up-to-date patient administrative data → will mandate IHE PAM
>
> D1: Diagnostic results visible and usable → for LAB tests will mandate LTW
>
> D2: Hospital CIS interoperable for care coordination → XDS, CDA and its templates (including PCC, XD-LAB) …

A process (business model, organization, tools) to verify those criteria.

Schedule

End of 2013:

➢ Analysis of the conformance verification processes already in place (DMP, Sésam-Vitale, CPOE for medication, …)

➢ Definition of the functional building blocks of a hospital information systems

➢ Decisions on business model and organization to be set up

Year 2014:

➢ Build the verification process

➢ Build the conformance criteria for the prioritary building blocks.

S2 Year 2014:

➢ Start the process